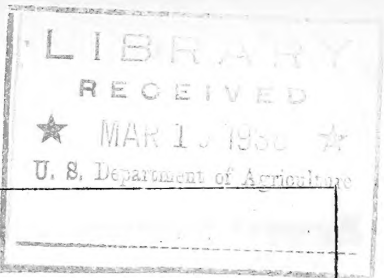


## Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.



1.9  
3524 W.  
rev. Feb. 1936



United States Department of Agriculture Bureau of Biological Survey		
----- Wildlife Research and Management Leaflet BS-4		
Washington, D. C.	*	Rev., February 1936

AVAILABLE PUBLICATIONS OF THE BUREAU OF BIOLOGICAL SURVEY

Compiled in the Division of Public Relations

The publications listed on pages 1 to 4 and preceded by a star (\*) can be obtained only by purchase from the Superintendent of Documents, Government Printing Office, Washington, D. C., at the prices stated; remittances should be sent direct to the Superintendent of Documents and not to the Department or Bureau, as the Department of Agriculture does not sell publications.

The non-technical publications listed on pages 1 to 4 without a star can be obtained free from the Office of Information, U. S. Department of Agriculture, Washington, D. C.

The mimeographed information leaflets listed on pages 4 to 6 can be obtained free on request addressed to the Chief, Bureau of Biological Survey, U. S. Department of Agriculture, Washington, D. C.

As the supply for free distribution of the non-technical publications is limited, applicants are requested to ask for ONLY ONE COPY of those in which interested.

In all requests, please mention the series, the number, and the title of the publications desired.

Farmers' Bulletins:

- 497F. Some Common Game, Aquatic, and Rapacious Birds in Relation to Man.
- 506F. Food of some Well-Known Birds of Forest, Farm, and Garden.
- \*513F. Fifty Common Birds of Farm and Orchard. (Colored illustrations.) 25¢
- 587F. Economic Value of North American Skunks.
- 630F. Some Common Birds Useful to the Farmer.
- 702F. Cottontail Rabbits in Relation to Trees and Farm Crops.
- 755F. Common Birds of Southeastern United States in Relation to Agriculture.
- \*760F. How to Attract Birds in Northwestern United States. 5¢
- \*844F. How to Attract Birds in the Middle Atlantic States. 5¢
- 869F. The Muskrat as a Fur Bearer; With Notes on its Use as Food.
- \*912F. How to Attract Birds in the East Central States. 5¢
- 1102F. The Crow in Its Relation to Agriculture.
- 1327F. Canaries: Their Care and Management.
- 1397F. Mouse Control in Field and Orchard.
- 1456F. Homes for Birds.
- 1533F. Rat Control.
- 1571F. The European Starling in the United States.
- 1598F. Mountain Beavers in the Pacific Northwest.

Farmers' Bulletins - Continued.

- 1612F. Propagation of Aquatic Game Birds.
- 1613F. Propagation of Upland Game Birds.
- 1638F. Rat Proofing Buildings and Premises.
- 1644F. Local Bird Refuges.
- 1682F. Usefulness of Birds on the Farm.
- 1709F. Pocket-Gopher Control.
- 1716F. Mole Control.
- 1719F. Improving the Farm Environment for Wildlife.
- 1730F. Rabbit Production.
- 1755F. Game Laws for the Season 1935-36.

Leaflets:

- 8L. Mink Raising.
- 21L. Woodchuck Control in the Eastern States.
- 27L. Recommendations to Beginners in Fur Farming.
- \*36L. Gourds for Bird Houses and Other Purposes. 5¢
- 47L. Hygiene in Fox Farming.
- 48L. Reindeer Recipes.
- 50L. How to Make a Cat Trap.
- 59L. Hints on Wolf and Coyote Trapping.
- 60L. Porcupine Control in the Western States.
- 61L. English Sparrow Control.
- 65L. Red-Squill Powder in Rat Control.
- 78L. Hints on Bobcat Trapping.
- 94L. Hints on Mountain Lion Trapping.
- 96L. Protecting Poultry from Predacious Birds.
- 109L. Eliminating Bats from Buildings.

Reprints from Yearbooks:

- \*823Y. Trapping on the Farm. 5¢
- \*855Y. Death to the Rodents. 5¢
- \*1439Y. Bird Species Not Menaced by Local Control Campaigns. 5¢
- \*1430Y. Eelgrass Disappearance Has Serious Effects on Waterfowl and Industry. 5¢
- \*1431Y. Game and Other Wild Species Suffer Heavy Losses from Disease. 5¢
- \*1432Y. Predator-Trap Device Safeguards Species That Are Harmless. 5¢
- \*1433Y. Rabbit-Raising Profits Materially Influenced by Age at Marketing. 5¢
- \*1434Y. Rat Baits Canned to Aid Cooperative Antirrat Campaigns. 5¢
- \*1435Y. Restocking of Marshes With Hand-Reared Mallards Not Proved Practicable. 5¢
- \*1436Y. Wildlife Factors Important in Efforts to Improve Forests. 5¢
- \*1513Y. Botulism is a Factor in the Decrease of Western Waterfowl. 5¢
- \*1514Y. Fur Scarcity through Overtrapping Impends; Conservation Needed. 5¢
- \*1515Y. Game as a Farm Crop Emphasized by Agricultural Adjustment. 5¢
- \*1516Y. Game Management and Forest Protection are Related Tasks. 5¢
- \*1517Y. Predators and Rodents are Factors in the Spread of Disease. 5¢
- \*1518Y. Waterfowl Breeding Grounds of Far North now Poorly Tenanted. 5¢
- \*1519Y. Waterfowl Problems Clarified by Study of Gunning Practices. 5¢
- \*1520Y. Waterfowl Restoration Program Undertaken by the Government. 5¢

Technical Bulletins--Including Department (D) Series:

- \*205D. Eleven Important Wild-Duck Foods. 5¢
- \*619D. Food Habits of the Swallows, a Family of Valuable Native Birds. 5¢
- \*1089D. Reindeer in Alaska. 25¢
- \*1091D. Life History of the Kangaroo Rat. 15¢
- \*1145D. Migration Records from Wild Ducks and Other Birds Banded in the Salt Lake Valley, Utah. 5¢
- \*1151D. Silver-Fox Farming. 15¢
- \*1268D. Returns from Banded Birds, 1920 to 1923. 10¢
- \*1346D. Status of the Pronghorned Antelope, 1922-1924. 15¢
- \*1350D. Blue-Fox Farming in Alaska. 10¢
- \*1395D. Bats in Relation to Production of Guano and Destruction of Insects. 5¢
- \*1423D. Progress of Reindeer Grazing Investigations in Alaska. 15¢
- \*21T. Beaver Habits and Experiments in Beaver Culture. 20¢
- \*24T. The Magpie in Relation to Agriculture. 10¢
- \*26T. Our Migrant Shorebirds in Southern South America. 5¢
- \*32T. Returns from Banded Birds, 1923 to 1926. 20¢
- \*61T. Wild Birds Introduced or Transplanted in North America. 10¢
- \*134T. Red-Squill Powders as Raticides. 10¢
- \*145T. Life History and Habits of Grasshopper Mice, Genus Onychomys. 10¢
- \*147T. Habits and Economic Importance of Alligators. 10¢
- \*221T. Wild-Duck Foods of North Dakota Lakes. 15¢
- \*224T. Habits and Economic Status of the Pocket Gophers. 10¢
- \*238T. The Pharmacology of Thallium and Its Use in Rodent Control. 5¢
- \*411T. Western Duck Sickness: a Form of Botulism. 10¢
- \*467T. The Crested Myna, or Chinese Starling, in the Pacific Northwest. 5¢

North American Faunas:

- \*27. Biological Investigations of the Athabaska-Mackenzie Region. \$1.25
- \*43. Rice Rats of North America. 20¢
- \*45. Biological Survey of Alabama: 1, Physiography and Life Zones; 2, Mammals. 25¢
- \*47. Revision of American Pikas. 15¢
- \*48. Voles of Genus Phenacomys: 1, Revision of Genus Phenacomys; 2, Life History of Red Tree Mouse. 20¢
- \*49. Biological Survey of North Dakota: 1, Physiography and Life Zones; 2, Mammals. 60¢
- \*50. Revision of American Lemming Mice. 10¢
- \*51. Taxonomic Review of American Long-Tailed Shrews (Genera Sorex and Microsorex). 50¢
- \*52. Revision of American Chipmunks (Genera Tamias and Eutamias). 35¢
- \*53. Mammals of New Mexico. \$1.00
- \*54. Alaska-Yukon Caribou. 20¢

Circulars--including Biological Survey (BSC) Series:

- \*61BSC. Hawks and Owls from the Standpoint of the Farmer. 5¢
- \*82C. Improved Reindeer Handling. 5¢ (Superseded by 207M.)
- \*96C. Game Birds Suitable for Naturalizing in the United States. 10¢
- \*107C. The Normal Breeding Season and Gestation Period of Martens. 5¢
- \*118C. Calculating Waterfowl Abundance on the Basis of Banding Returns. 5¢
- \*339C. Program of Waterfowl Restoration. 5¢
- \*342C. The Waterfowl Flyways of North America. 5¢
- \*348C. Quail-Food Plants of the Southeastern States. 5¢

- \*362C. Food Habits of the Coyote in Jackson Hole, Wyo. 5¢
- \*363C. The Migration of North American Birds. 10¢
- \*370C. Food Habits of Common Hawks. 5¢

#### Miscellaneous Publications:

- \*88M. The United States Department of Agriculture: Its Structure and Functions (with chapter on the Biological Survey). 15¢
- \*115M. Information for the Guidance of Field Men and Cooperators of the Bureau of Biological Survey Engaged in the Control of Injurious Rodents and Predatory Animals. 5¢
- \*127M. Peafowl and Their Care. 5¢
- \*145M. Policies of the Bureau of Biological Survey Relative to the Control of Injurious Birds. 5¢
- \*159M. Winter Feeding of Wildlife on Northern Farms. 5¢
- \*195M. A Plan for the Management of Brown Bear in Relation to Other Resources on Admiralty Island, Alaska. 5¢
- \*207M. Raising Reindeer in Alaska. 5¢
- \*210M. Status of Waterfowl in 1934. 5¢
- \*231M. Officials and Organizations Concerned with Wildlife Protection, 1935. 5¢

#### BIOLOGICAL SURVEY SERIES OF MIMEOGRAPHED LEAFLETS

Note.--For leaflets listed below, address the Chief, Bureau of Biological Survey, U. S. Department of Agriculture, Washington, D. C.

#### Birds

- BS-1. Winter Food of Ruffed Grouse in New York.
- BS-2. Aids for Bird Students. (Supersedes Bi-787.)
- BS-3. The Present Situation Regarding Eelgrass (Zostera marina).
- BS-6. Publications on Cage Birds. (Supersedes Bi-173.)
- BS-8. Publications on Attracting Birds. (Supersedes Bi-159.)
- BS-11. Birds Aid Blueberry and Cranberry Growers.
- BS-13. Protecting Grain Crops from Damage by Wild Fowl.
- BS-16. Bird Refuges and Big Game Preserves Administered by the Bureau of Biological Survey (Supersedes Bi-1226a.)
- BS-18. Federal Regulations on Hunting Waterfowl Explained.
- BS-30. Economic Ornithology and the Correlation of Laboratory and Field Methods.
- Bi-160. Dealers in Devices for Attracting Birds.
- Bi-203. Publications of Interest to Game Breeders.
- Bi-259. Dealers in Wild-duck Food Plants.
- Bi-458. Dealers in Game and Ornamental Birds.
- Bi-489. Methods for Eradicating Objectionable Roosts of Birds.
- Bi-521. Hints on the Care of Parrots.
- Bi-631. Dealers in Cage Birds and Cage-bird Supplies.
- Bi-729. Control of Magpies.
- Bi-899. Blackbirds and the Rice Crop on the Gulf Coast.
- Bi-922. Some Suggestions for Bird Field Trips.
- Bi-1099. Winter Feeding of Upland Game Birds.
- Bi-1180. The Coot as an Edible Game Bird.

- Bi-1228. Food Habits of Fish-eating Birds.
- Bi-1281. Preliminary Report on Study of Raven's Food.
- Bi-1297. Winter Food of the Ruffed Grouse in the Northeast.

#### Fur Animals

- BS-35. Raising Muskrats, (Supersedes Bi-1060.)
- BS-20. What Shall We Feed Our Pelters?
- BS-23. Abstract of the Fur Laws, 1935-36.
- BS-25. Fur Resources--the Stepchild of Conservation.
- BS-32. Raising Badgers in Captivity. (Supersedes Bi-1059)
- BS-34. Raising Raccoons. (Supersedes Bi-216.)
- BS-36. Publications on Fur and Fur Animals. (Supersedes Bi-366.)
- Bi-103. Hints on the Care of Martens.
- Bi-128. Hints on the Care of Ferrets.
- Bi-152. Hints on the Care of Otters.
- Bi-180. Hints on the Care of Opossums.
- Bi-526. Hints on Raising Squirrels.
- Bi-1010. Lungworm Trouble in Foxes--Its Treatment and Control.
- Bi-1024. Periodicals on Fur and Fur Animals.
- Bi-1053. Ear Mange in Foxes: Its Treatment and Eradication.
- Bi-1190. Raising Chinchillas in Captivity.
- Bi-1235. Parasites of Minks and Their Control.

#### Rabbit Raising

- BS-21. Feed Cost of Producing Young Rabbits to Weaning Age. (Supersedes Bi-1294.)
- BS-22. Feed Requirements in Raising Weaned Rabbits to a Weight of 6 Pounds.  
(Supersedes Bi-1304.)
- BS-28. Feeding Schedule for Rabbits. (Supersedes Bi-1317.)
- BS-31. Average Weight of Rabbits at Weaning Age.
- Bi-994. Rabbit Manure as a Fertilizer.
- Bi-1136. Periodicals on Rabbits and Cavies.
- Bi-1171. Inheritance of "Woolly" in Rabbits.
- Bi-1243. Some Fundamentals of Rabbit Breeding.
- Bi-1286. Observations on So-called "Bloat" in Rabbits.
- Bi-1292. Pertinent Facts on the Angora Wool Rabbit.

#### Predator and Rodent Control

- BS-10. The Possibility of Secondary Poisoning from Thallium Used in the Control of Rodents. (Supersedes Bi-1192.)
- Bi-889. Publications on Trapping.
- Bi-913. Directions for Destroying House Mice.
- Bi-1028. The Effect of Poisons Used in Rodent Control on Grouse, Pheasants, and Quail.
- Bi-1152. Suggestions on Trapping Coyotes and Wolves in Alaska.
- Bi-1162. Directions for Poisoning Thirteen-Striped Ground Squirrels.
- Bi-1163. Directions for Controlling Tree Squirrels.
- Bi-1289. Directions for Using Poison in Chipmunk Control.
- Bi-1332. Directions for Setting Foothold Trap for Capturing Animals Uninjured.

### Miscellaneous Subjects

- BS-5. Tularemia, an Animal-borne Disease. (Supersedes Bi-903.)
- BS-9. Infectious Diseases as a Cause of Loss in Wildlife.
- BS-12. The Present Plight of the Jackson Hole Elk.
- BS-14. Planting for Wildlife in the Corn Belt. (Supersedes Bi-1326.)
- BS-15. Planting for Wildlife in the Cotton Belt. (Supersedes Bi-1327.)
- BS-17. Wildlife of the Atlantic Coast Salt Marshes.
- BS-19. Plants Valuable for Wildlife Utilization and for Erosion Control.
- BS-24. Bounties Paid by States.
- BS-29. Directions for Preservation and Care of Material Collected for Food Habits Studies.
- Bi-263. Hints on the Care of White Mice and Rats.
- Bi-565. The American Chameleon and its Care.
- Bi-571. Poisonous Snakes of the United States.
- Bi-664. The Toad.
- Bi-770. Directions for Destroying Crawfishes.
- Bi-855. Facts about Snakes.
- Bi-1018. Acquisition of Land by Purchase, Gift, or Lease, under the Migratory Bird Conservation Act of February 18, 1929.
- Bi-1205. Dealers in Reptiles.
- Bi-1250. Food of the Gray Fox.
- Bi-1251. Food of the Red Fox.
- Bi-1266. How Game and Fur Farmers Can Use Biological Survey's Aid in Combating Wildlife Diseases.
- Bi-1274. Raising Deer in Captivity.
- Bi-1291. Raising Guinea Pigs.